

## CENTRAL INTELLIGENCE AGENCY

## INFORMATION REPORT

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COUNTRY Czechoslovakia

REPORT

SUBJECT V.I. Lenin Works, Pilsen

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This is UNEVALUATED Information

THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.  
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1. The locomotive plant is situated inside the V.I. Lenin Works, National Enterprises, (formerly Skoda Works) in Pilsen. It is marked No. 1 on sketch "A". The whole Skoda enclosure is surrounded by a wall 3.5 meters high. On the east side, it is as much as five meters high.
2. In the entire Lenin Works there are about 35,000 employees. Of these, about 15-20% are women. About 100 prisoners from the local prison in Pilsen also work there, as do an unknown number from Bory prison. There are about 2,000 employees in the locomotive works. For equipment see the legend to the attached plan of the locomotive works.
3. Electricity comes from two of the factory's own power stations and from Nyrany. In the event of a breakdown or shortage the municipal power station gives assistance.
4. Sheet metal comes from the iron works in Dvur Kralove, Kladno, and Hradek.
5. At the turn of the year 1952/53 a series of about 150 locomotives for the USSR was being made in the locomotive works. At present, locomotive type 550 is being supplied to Prague and Pilsen.
6. The locomotive plant produces three to four locomotives, type 550, each week and about eight electric locomotives each month. In addition, a rolling mill is being made in the locomotive works for Poland. Six rolling mills were made in

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25 YEAR RE-REVIEW

STATE	X	ARMY	X	NAVY	X	AIR	X	FBI		AEC				ORR	Ev	X
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six months, but their destination is not known.

7. In the locomotive works, the Five-Year Plan was fulfilled 70%. The whole concern was said to have fulfilled the plan 100%.
8. Materials for the whole works are stored in the Central Storage for Materials (U.S.M.), mostly metal plates of all thicknesses and sizes. Two workshops are attached to the U.S.M., where the following items are produced:
  - a. Auxiliary metal parts for machines for all departments of the works.
  - b. Bomb tail fins for the armament department. These are made from 4 mm. thick steel sheet, are about 35 cm. long and 18 cm. wide. The production is ordered by the armaments department and averages 200 to 300 parts a month.
  - c. Spanners of all sizes for the armaments department.
  - d. Army-truck chassis made of 6-mm. steel sheeting, 7,520 mm. long and 350 mm. wide, or 7,220 mm. long and 350 mm. wide.
  - e. Passenger-car chassis of steel sheeting 6 mm. thick, 6,440 mm. long, 250 mm. wide.
  - f. Trolley-bus chassis, 9,970 mm. long and 450 mm. wide.
  - g. Discs of all diameters for the pressing shop.
9. The U.S.M. workshops are equipped with:
  - a. The latest type of heat-plating apparatus, Austrian Siemens make. There are five heat-plating machines and five manual heat-planting machines.
  - b. Seven electric cutters of various types.
  - c. Four cranes capable of lifting up to 5,000 kg.
  - d. Eight electric circular saws and a number of screw cutters.
10. The U.S.M. workshops employ 950 people, mostly people transferred from "unproductive" branches. About a third of them are women. The average wages of unskilled workers are 900 Kcs. (new currency). Skilled workers get about 1,100 Kcs. net. Deductions take about one third of the gross pay.
11. Three shifts are worked, but the night shift is not full strength, at U.S.M.
12. The following is known about departments of the Lenin Works in Pilsen, other than the locomotive plant:
  - a. The gun-manufacturing department makes guns of various types which are sent mainly to the USSR. Of the small quantity which remains in Czechoslovakia, it is known that some are of 100-mm. caliber.
  - b. The armature shop is mainly, but not exclusively, concerned with the production of armatures for locomotives.
  - c. The foundry has recently been engaged in the production of ship's screws.

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- d. The large forge produces wheelboxes (nekolky) for locomotive undercarriages and crankshafts, mainly for ships.
- e. Part of the production of excavators goes to the USSR.
- f. The machine shop works mainly for the USSR and Poland.
- g. The aircraft section works exclusively for the USSR, and it is said that their aircraft engines can now also be used for tanks.
13. The manager of the Lenin Works is Florian (fnu), a rabid Communist. The works manager is Horak (fnu); the assistant in the control department for the whole works is Cajka (fnu).
14. Manager of the U.S.M. workshops is Brabec (fnu).
15. The following two departments have a special guard:
- (1) The gun-manufacturing works, at the only entrance to which is one gatekeeper.
  - (2) The automobile works, where there are always four gatekeepers.
16. Along the walls enclosing the works are watchtowers at intervals of about 200 meters, and there is always a guard on them. ~~Guards patrolling the bridge and the perimeter of the works~~ are armed with automatics.
17. Since 1 April 1953, the works has been guarded by the Interior Guards (VS) instead of by the works militia. Controls at the gates are carried out by the works guard who wear army-type uniforms with the factory badge on their caps. The works militia perform duties only in case of emergency. Plant passes were changed only once during the past two years.
18. It is estimated that there are about 20 militia men to each department.

Enclosure: 1 map section (Air)

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Legend to the plan of the Skoda Works (Sketch "A")

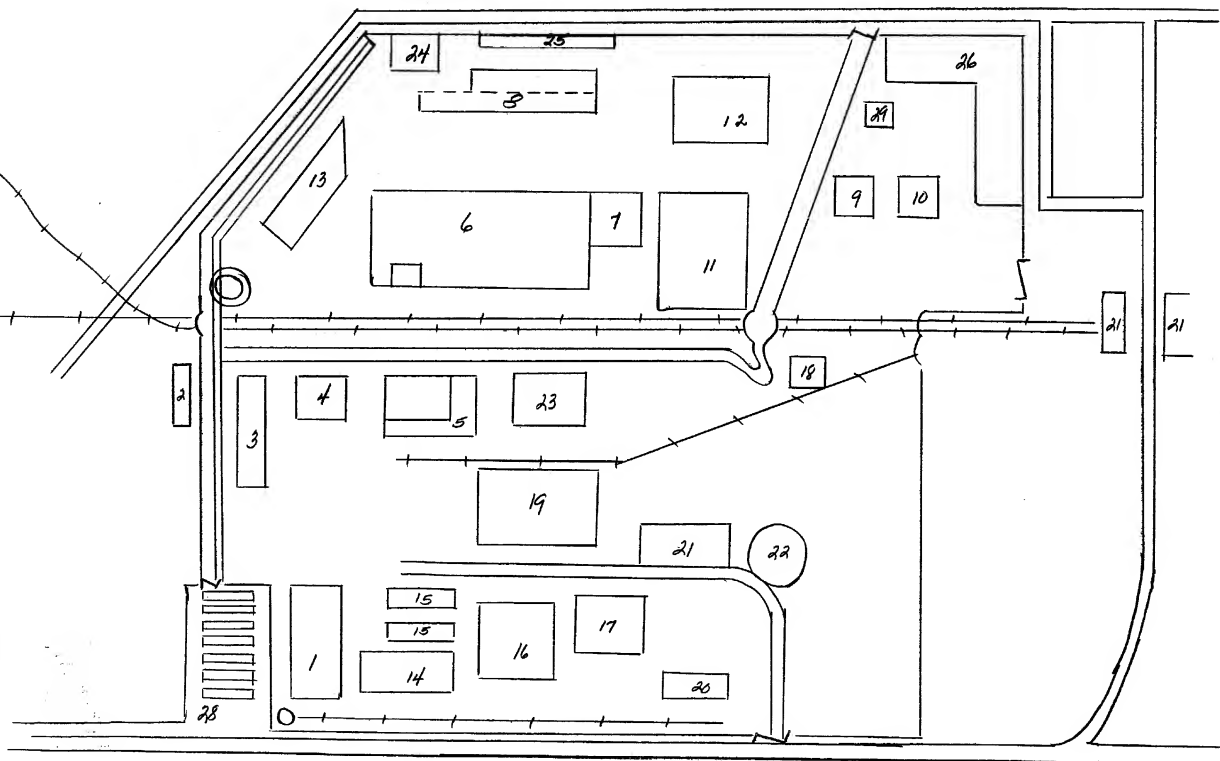
1. Locomotive shop, 180 x 150 meters.
2. Molding shop, 150 x 50 meters. ~~Three stories.~~
3. Molding shop, 150 x 50 meters. ~~One story.~~
4. Gun-making shop and armature shop, 120 x 60 meters.
5. Machine repairs, 180 x 150 meters.
6. Foundry, 230 x 150 meters.
7. Production of excavators, 130 x 150 meters.
8. Large forge, 300 x 180 meters.
9. Fittings shop, 150 x 100 meters.
10. Turning shop for bullets, 130 x 100 meters. (sic--probably shells).
11. Small forge, 130 x 100 meters.
12. Dressing shop, 150 x 100 meters.
13. Steel works, 150 x 80 meters.
14. Metal-working shop, casting of aircraft engine blocks, 120 x 50 meters.
15. Tool shop, 120 x 50 meters.
16. Central storage for material, 150 x 150 meters.
17. Automobile bodies, 120 x 50 meters.
18. Aircraft department and tempering shop for springs, 120 x 100 meters.
19. Precision mechanics, 80 x 80 meters.
20. Storage for oil and gasoline, 80 x 20 meters.
21. Gas works, 60 x 40 meters.
22. Gas container, 15 meters and height 20 meters.
23. Automobile shop, 150 x 150 meters.
24. Machine shop, 100 x 70 meters.
25. Offices, 150 x 15 meters. One story.
26. Workshops where large and thick (20-25)<sup>1</sup> metal plates are ground, 150 x 180 x 30 meters.
27. Rise suburban railroad station.
28. Housing for Skoda employees.
29. Fire station, 25 x 15 meters.

<sup>1</sup> Comment: Probably 20 to 25 mm.

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Sketch "A"  
Lenin (Skoda) Works, Pilsen



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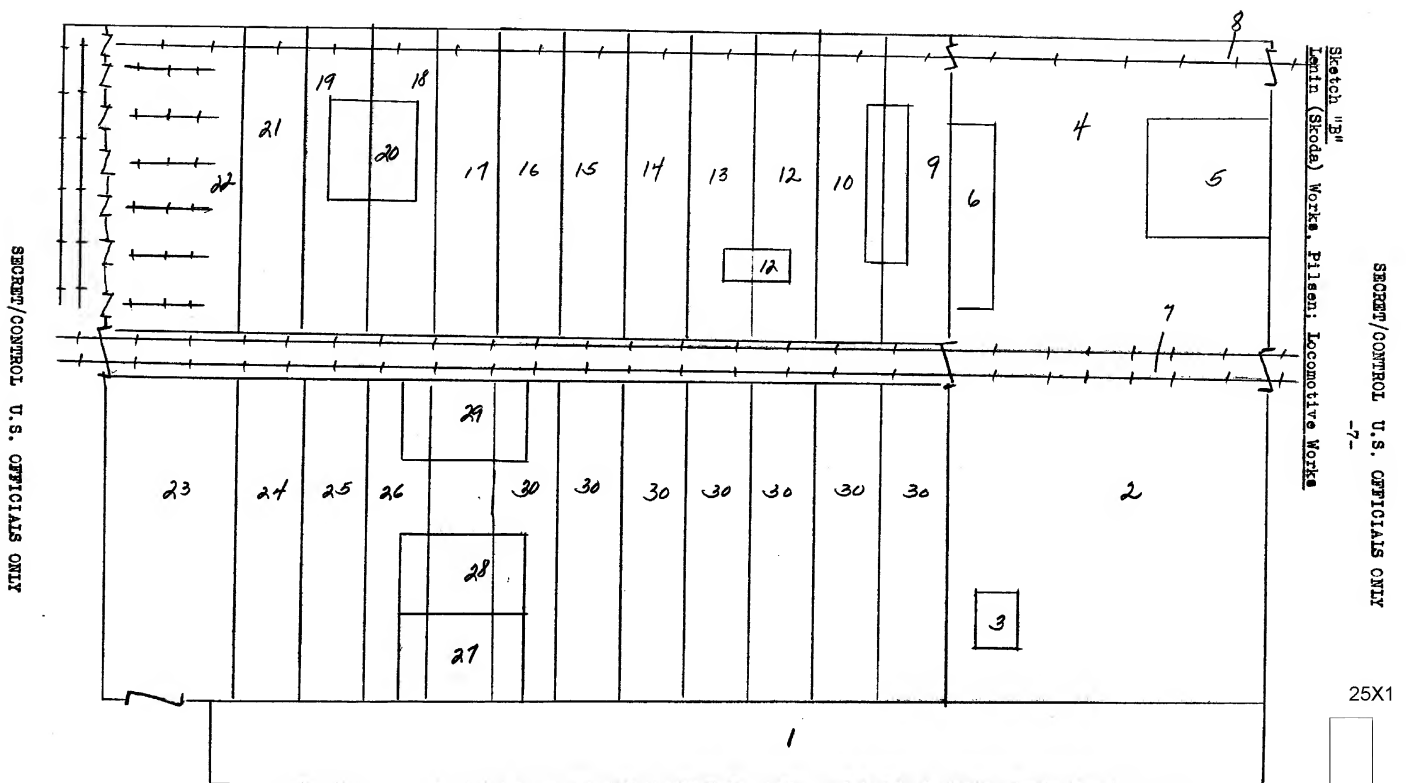
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Legend to the plan of the Locomotive Works (Sketch "B")

1. Office.
2. Boiler shop: 3 large planing machines, 15 drills, two or three rolling machines.
3. Large point welding machines for boilers. Welds plates to a thickness of 5 mm. The diameter of the cavity is 5 meters and the depth 10 meters.
4. Boiler shop: a few pneumatic hammers.
5. Forge.
6. Welding shop: 20 large electric machines.
7. Two tracks, on which steam locomotives are assembled.
8. One track, on which electric locomotives are assembled.
9. Milling department, with three horizontal milling machines.
10. Precision tools shop.
11. Welding shop: 15 electric welding machines.
12. Cutting shop, where supports for boilers are cut out by four autogenous machines.
- 12a. Planing machine 30 meters long. Planes plates 12 x 3 meters.
13. Precision tools and fire brick works: 5 small drills, 1 grinding machine.
14. Precision tools: 2 mechanical plate shears, cutting to thickness of 30 mm.
15. Precision tools: armatures and buffers, 3 drills, 1 grinder.
16. Precision tools: one mechanical plate shears for thickness of up to 30 mm.
17. Cutting of screws and nuts: 15 automatic lathes with a reach of up to 3,000 mm., 3 grinders, 15 small lathes.
18. Precision tools for armatures: 1 grinder, 4 drills, 5 lathes.
19. Precision tools: 2 drills.
20. Storage for rods and tubes.
21. Copper-smithy: 1 small gas furnace, 25 autogenous machines, 1 screw cutter.
22. Tracks on which assembly of locomotives is completed.
23. Sheet-metal shop where cabins for locomotives are made; joiners' shop: 2 belt saws for wood, 1 plate shears working to a thickness of 5 mm., 2 drills, 3 tables for straightening plates.
24. Finishing and attaching connecting rods: four milling machines, one machine tool, two copy milling machines, two horizontal milling machines.
25. Three drills, three turning tables working to measurements of 1,000 mm., one large milling machine, one copy milling machine for diameters, one drawing board for tracing on metal, five lathes with a reach of 5,000 mm..
26. Five milling machines, two drills.
27. Storage for armatures.
28. Apprentices' shop.
29. Delivery stations.
30. [ ] not know what was in each of these seven departments, and they are therefore listed together: four machine tools, four gear lathes, 20 milling machines, 10 drills, five tables for drawing of metal, four large horizontal milling machines, one copy milling machine, one machine for cutting cylinders, three planing machines, 30 lathes.

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~~-8-~~Legend to Sketch "C"

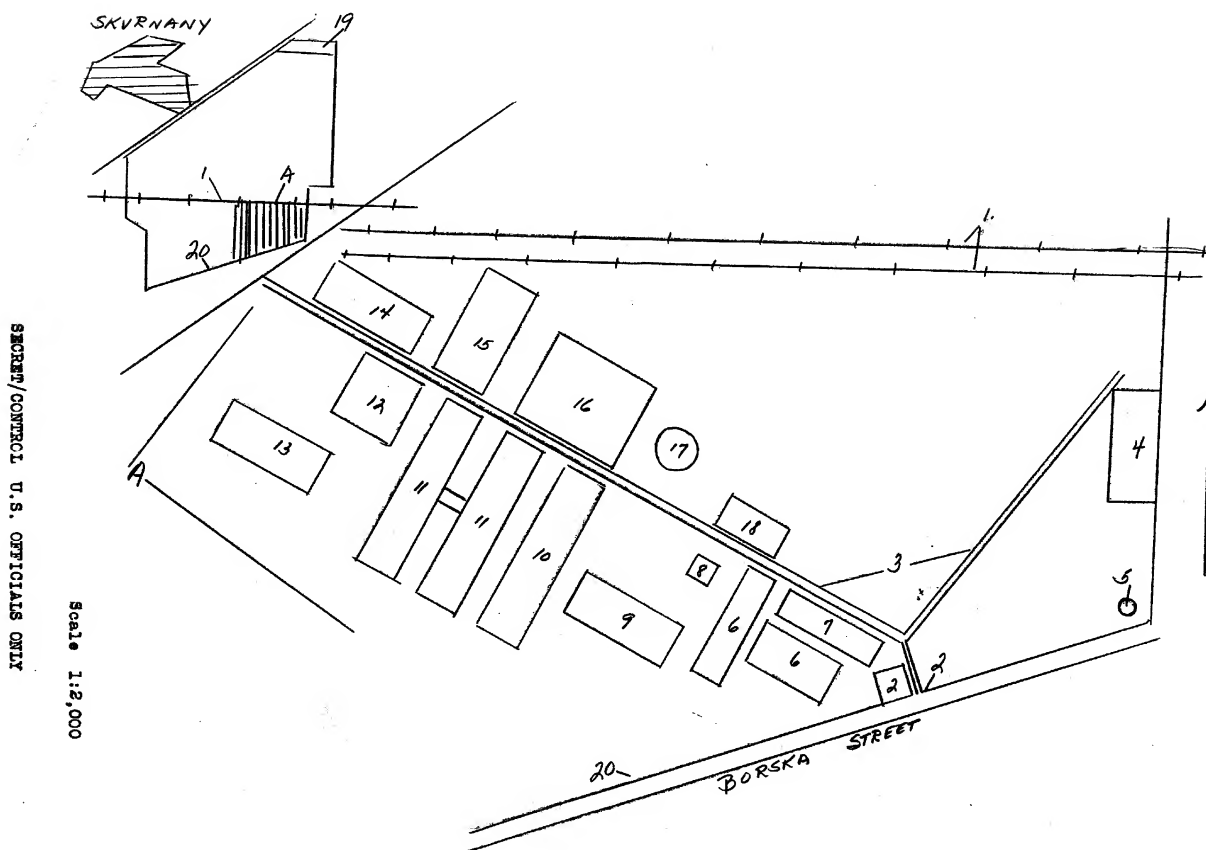
1. Railroad line Pilsen-Cheb and sidings running parallel with and south of the main line.
2. Entrance to this part of the works, known as gate 5, and gatekeeper's lodge.
3. Road inside the plant.
4. Kitchen and canteen (two-story brick building, 50 x 20 meters).
5. Observation tower, 15 meters high, built in April 1953, manned day and night by troops of the Interior Guard.
6. Offices of the building department. Two brick two-story buildings, 50 x 15 meters and 40 x 12 meters respectively.
7. Storage for building materials; wooden buildings, 50 x 15 meters.
8. Guard post of the Interior Guard, brick, two-story building, 50 x 20 meters.
9. Oil and gasoline dump; brick building, 50 x 20 meters.
10. Trolley bus assembly shop; brick two-story building, 80 x 20 meters.
11. Central storage for material, and workshops. 2 two-story brick buildings, both 80 x 20 meters.
12. Brick two-story building, 30 x 30 meters, containing heat-plating shop and electric saw for iron.
13. Metal workshop, 50 x 20 meters.
14. Tool shop, brick two-story building, 50 x 20 meters.
15. Brick two-story building, 50 x 25 meters.
16. Gas works. A brick three-story building, 40 x 50 meters.
17. Gas container, diameter 15-20 meter, atmospheric pressure 25,000 units.
18. Carbide storage, 30 x 15 meters.
19. General management of the Skoda Works.

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Sketch "C"  
Section of the V.I. Lenin Works, Pilsen



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Scale 1: 2,000

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